

# AMERICAN IONOSPHERIC PROPAGATION ASSOCIATION

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Sept. 6, 1960

AIPA BULLETIN. Published first week of each month, 12 issues a year.  
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## EDITORIAL.....

The West was not to be out-done by the East so they too, had a AIPA Convention which took place in Ashland, Oregon. Charles Wood was host. Although the attendance was rather small it was a starter for the Pacific coast members. Members attending were Charles, Dennis Smith of Wasco, Calif. David Crockett of Burlingame, Calif. Morris Foote of Middleton, Idaho. a visit to Ed Albright in Medford, Ore. and Yours Truly who flew out to the coast to attend this gathering as well as a few days visit with Dee Johnson and her family in Longview, Washington. A trip I shall never forget.

DX equipment, electric power generator, FM receiver, Tape recorder etc. was hauled up atop Mt. Ashland (8000 foot climb) which provided us with very good Tropo results ranging from San Francisco to Portland, Ore. FM good. No UHF. The event was taped, and is now being mailed to all our tape fans. We should like to see the Western Conventions increase in size from this year on. All we needed was this start. (Dee says a get-together they had a few years back with Morris Foote and Ed Hepp was the first! Could Be!!)

We are glad to hear that Walter Spaulding is now home from the hospital, and is making rapid recovery. Also B.J. Bingham is now home from the hospital, and almost back to normal after having a slight stroke. Each of the boys want to extend their many thanks for all your get-well cards.

Our Montreal Boys, Phil Jacobs and Bryan Rawlings- Editors of the IDX and FM columns have both asked to be relieved of their editing and handling of same. We thank them whole heartily for their past efforts in giving us the nice columns they had. The IDX Column will be conducted in the future by Ferdinand Dombrowski, 1335 Road B - Okauchee, Wisc. He will welcome your reports and letters. This leaves us in search of a FM writer!!!!

Our thanks to DXing Horizons for the photo in the Sept. issue of the AIPA Chicago convention group. the attending group was not all on the scene at the time. (Identification is most likely not correct as shown) pardons going out now. UHF, Booster news, both W and U is a must for all DXers, and it will be worth your while to see the Nov. issue of DXing Horizons. We can urge you to obtain these monthly issues, as it's impossible for us, a club to secure this technical data and information. We have no tie-in for manufacturer's technical data--

By the time you receive this issue the E's will just about of had it, so we urge you to look for fall Tropo, MS, and what have you. There is always something to be picked up TV-DX wise, so don't give up, and keep sending in your reports to those DX Editors.

Art Collins.

# TELEVISION DX RECORDS

# STANDINGS OF ACTIVE MEMB

CALL	LOCATION	DATE	DIST
KENT	Anchorage Alaska		2200 RC
KFAR	Anchorage Alaska	4/13/57	1500 DJ
KNXT	Los Angeles Cal.	6- 3-55	1600 BH
*KTVU	Oakland, Cal.	6-11-59	2288 RN
KTVR	Denver, Colo.		1370 NE
WESH	Daytona, Beach, F.	5-25-58	2500 DJ
✓ WISH	Miami, Fla.	6-13-57	1200 ES
WSB	Atlanta, Ga.		2100 RC
KBOI	Boise, Idaho		1450 FD
WBBM	Chicago, Ill.		1900 RC
WMT	Cedar Rapids, Iowa	7/24/57	1650 DJ
KCKT	Great Bend, Kans.		1375 JC
WBRZ	Baton Rouge, La.	5-21-57	2000 DJ
WLBZ	Bangor Me.(F2)	1-4-9-58	2700 DJ
WMAR	Baltimore, Md.		2350 RC
WGBH	Boston, Mass.	5-8- 58	1425 ES
WJBK	Detroit, Mich.		2100 RC
KTCA	Minneapolis, Min.	7- - 57	1425 DJ
KFEJ	St. Joseph, Mo.	5- - 57	1500 DJ
KTVI	St. Louis, Mo.		1600 ND
*KOOK	Billings, Mont.	8- - 59	1400 WS
✓ KLRJ	Henderson, Nev.(MS)	8-3-56	1400 RH
WGR	Buffalo, N. Y.		2250 RC
WCBS	New York, N. Y.(F2)	1-4-58	2550 DJ
WFMY	Greensboro, N.C.		2400 RC
KDIX	Dickinson, N.D.	6-30-57	1550 JH
WLWD	Dayton, Ohio		2100 RC
✓ KOO	Tulsa, Okl.	1-20-57	1600 DJ
✓ KDTI	Klamath Falls, Or	5-23-57	1335 ES
*KDKA	Pittsburg, Pa.	2- -60	2200 DS
WUSN	Charleston, S.C.		2300 RC
KPRC	Houston, Tex.	7-26-57	1800 DJ
KMID	Midland, Tex.	6- -58	1500 DJ
*KUTV	Salt Lake City U.		1720 NE
KREM	Spokane, Wash.		1900 KS
WBAY	Green Bay, Wisc.		1950 RC
KTWO	Casper, Wyo. TIE		KS 1380 RN
KONA	Honolulu T.H.	3-9-57	2700 DJ
WKAJ	San Juan, P.R.		3200 RC
CHCT	Calgary, Alta. AUR	9-4-57	1722 FW
CBUT	Vancouver, B.C.		2140 NE
CKCW	Moncton, N.B. TIE	1-4-9-58	2900 EH DJ
CFCJ	Port Arthur, Ont. TIE	GS 1000 DJ	
CJIC	Sault Ste. Marie Is.	10/28/57	2000 DJ
CBFT	Montreal, QUE. TIE	ND 2500 RC	
CKCK	Regina, Sask.	7-9-58	2000 RB
WAIQ	Andalusia, Ala.		1100 JH
CMAB	Havana, Cuba	5-18-57	2700 DJ
HIT	Cibao, Dom. Rep.	8-12-58	1450 JB
XEW	Mexico City, D.F.		1900 RC
YVKS	Caracas Venez.	9- 4-57	4000 PC

1. F. Hill	Ohio	299
2. D. Bourgeois	La.	276
3. B. Draeb	Wisc.	250
4. R. Nieman	N.Y.	246
5. J. Bingham	Mo.	242
6. D. Janowiak	Wisc.	241
7. E. Rugal	Kans.	210
8. B. Eckberg	Ill.	208
9. K. Neal	Tex.	206
10. B. Nieman	N.Y.	204
11. N. Erint	N.Y.	203
12. B. Meers	Ky.	197
13. P. Dombrowski	Wis.	174
14. D. Ruland	Fla.	170
15. G. Olson	Ill.	164
16. J. Parill	Ohio	162
17. D. Johnson	Wash.	146
18. T. Hidley	Ill.	138
19. F. Wheeler	Pa.	137
20. R. Hilding	Ariz.	125
21. R. Walker	La.	122
22. J. Pirck	Mo.	111
23. R. Berg	Va.	110
24. W. Spaulding	Ohio	107
25. D. Smith	Cal.	98
26. R. Bergen	Ky.	97
27. C. Wood	Oreg.	94
28. J. Dillon	Sask.	86
29. R. Foster Jr.	La.	78
30. D. Kanarr	N.Y.	69
31. D. Webb	Mass.	69
32. P. Jacobs	Queb.	29
33. J. Dyckman	Ohio	8

These totals taken from  
past Bulletins and letters  
received by me.  
Average Log--154

RECORD HOLDERS: D. John-  
son 15, R. Cooper 13, Norm  
Erint & E. Shorey-3.  
R. Nieman, K. Shaffer, J.  
Howarth-2, N. Doyle, J.  
Cody, F. Dombrowski, R.  
Hilding, B. Rouch, B.J.  
Bingham, R. Boyd, G. Simkin,  
D. Smith, W. Spaulding,  
and F. Wheeler all 1.

Send me your records for  
Ch. 2 and records for Ch.  
3, also your new standings.

Frank Wheeler, Box 176,  
R. D.5, Erie, Pa.

\* New Records

Unless otherwise stated all records via Es

## FCC Grants: \*\*\*\*\*

## Call letters assigned &amp; change

## Applications:

Ch 3 Corpus Christi, Tex. 100Kw. 50Kw. KCSD-TV (Ed.) Kansas City, Mo.  
 Ch 8 Phoenix, Ariz. (Ed.) WBNB (TV) St. Thomas, V. Isl.  
 Ch 9 Flagstaff, Ariz. 25.38-12.69Kw. WJDM (TV) Panama City, Fla changed  
 Ch 24 San Bernadino, Cal. 4.45-2.68 to WJHG-TV.  
 Ch 25 Columbia, S.C. 15.28-7.64Kws. WITB (TV) Bowling Green, Ky.  
 Ch 25 Richmond, Wash. 19.86-10.715Kws. changed to WLTV (TV)  
 Ch 27 Portsmouth, Va. 19.6- 11.7Kws.  
 Ch 53 Fresno, Cal. 26.2Kw- 13.5Kw.

## Mis'l News.

KSCD-TV ch 13 Sioux Falls, S.D. went on the air July 31st.. NBC-TV. 316Kw.  
 The Fresno, Cal area now has assigned UHF's ch 30, 47, 53, Ed ch 18.  
 all UHF market.

The Ch 9 San Antonio, Tex application has been with-drawn.

CFTO-TV ch 9 Toronto, Ont. is scheduled to go on air Jan 1, 1961.

CFCN-TV ch 4 Calgary, Alta. expects to take to the air by Oct 1, 1960

VITV (TV) Virgin Isl. expects to put first signal out by Sept 1st..

KERA-TV the Educational in Dallas, Tex. expects to go on Sept 12th.

KROC-TV Rochester, Minn. going to full power-316Kw. as well as

WMVS-TV Milwaukee, Wis.

WMTW-TV ch 8 Poland Springs, Me. to 86.1Kw-43.1Kw. and changes.. Is  
 this why you can't get this station-Art Friese ?? Hi!

Thanks for the phone calls from Walter Spaulding and Art Friese, nice  
 to hear from you fellows..

B.J. Bingham writes me that he has a new Tape recorder and wants to hear  
 from all the Tape fans. (Can handle two speeds.)

To answer John Parillo's ch 7 test pattern----It was not WKBW in Buffalo

Dennis Smith informs us the CH 12 station that was testing in Mexico is  
 XEWT... Been testing nearly a year and now on the air.

Welcome to the following new members--

William J. Neczyk Vilna, Alberta, Canada.

Carl Westin. PO Box 212 Island Lake, Ill. (thanks to Hidley & Olson)

J. Bruce McDonald. New Westminster, B.C.

RE-NEWALS... Ed Rugel Independence, Kan his 8th year in the AIPA.

Ed reports a poor year for DX. log now 212. 205 verified.

Ed Hepp of Tucson, Ariz and Ken Neal.. Hamlin, Tex. enters 5th yr.

Bill Meers. La Grange, Ky, Gary Olson, Barrington, Ill. double fee for 3rd.  
 Dick Bergen, rd. La Grange, Ky 4th yr. also Dave Janowick, Milwaukee, Wis.<sup>Yr.</sup>

(Dave, it could of been Rochester, the Ch 10 deal)

Mike Evangelista, Hamburg, Pa. 4th year also.

Coming in for their second year are--- Jim Grover, Alta, Canada.. Jim  
 has a dandy-WJZ-TV ch 13 Baltimore, Md, Bob Berg of Norfolk, Va... Bob  
 dis-likes the grammar and poor spelling in our bulletins. (So do we.) Hi!  
 Your man in Virginia is James Mitchell. Box 17 Dahlgren, Va.. OK Bob ?  
 Dr. John Woodlock, Ben Deibler, Jr. Davey Crockett, Mrs. W.E. Burritt have  
 also renewed for the second yr. Welcome to all.

John F. Champion...

Art Collins.

"RANK COLUMN"

SEPTEMBER 1960

Walter W. Spaulding

Well here it is September and several things have happened since last months bulletin. I have received a broken ankle (3 places) 12 days in the hospital and will have a cast on till Oct. maybe. Hope not longer. So if there are any mistakes please bare with me. I want to thank all who has sent me cards and letters.

This month reports sent in by Billy Meers, Richard Bergen III, John Parrillo, Frank Hill, Gary Olson.

Billy Meers report as follows.

Ch. 2	32 Stations	Best	CMKU	1350 Miles	ES
Ch. 3	13 Stations	Best	WTIC	705 Miles	MS
Ch. 4	24 Stations	Best	KOB	1170 Miles	ES
Ch. 5	18 Stations	Best	CMHQ	1120 Miles	ES
Ch. 6	19 Stations	Best	KRMA	1040 Miles	ES
Ch. 7	15 Stations	Best	KEYS	745 Miles	Trops
Ch. 8	8 Stations	Best	WFAA	740 Miles	Trops
Ch. 9	10 Stations	Best	KWTV	685 Miles	Trops
Ch. 10	13 Stations	Best	KAKE	645 Miles	Trops
Ch. 11	12 Stations	Best	KFJZ	765 Miles	Trops
Ch. 12	11 Stations	Best	KTVH	675 Miles	Trops
Ch. 13	13 Stations	Best	WIBW	560 Miles	Trops
UHF	24 Stations	Best	WTVO	39 330 Miles	Trops
Total Low Band	106	Total High Band	82	Total UHF	24
Total Log	212	Log June 1, 1959	121		

A few verie signers are sent in by Billy may be of some value.

WFAA	8	Dallas	Cheryl McDonald,	Program Secretary
WJRT	12	Flint	C.W. Jones,	Cheif Engineer
WSAU	7	Wausau	Roland W. Richardt,	C.E.
KAKE	10	Wichita	Harold H. Newby	Vice Pres. and C.E.
KETV	7	Omaha	J.S. Petrik	C.E.
KTVH	12	Hutchinson	Ken H. Cook	C.E.
KCMO	5	Kansas City	Karl Troeglen,	Techinal Dir.
WMVS	10	Milwaukee	J.C. Wulliman,	Operations Manager
KVTV	9	Sioux Falls	R.G. Englhardt	C.E.
KWTV	9	Oklahoma City	M.W. Thomas	C.E.
WTVO	39	Herbert H. Eckstein Sr.	C.E.	

All these are 1960 verie signers

John Parrillo sent in his log a very good one for his location

Ch. 2	24 Stations	ES	KMID	1335 miles	Trops	WBBM	362 miles
Ch. 3	18 Stations	ES	CMBF	1225 miles	Trops	WKZO	265 miles
Ch. 4	30 Stations	ES	KGBT	1410 miles	Trops	WTMJ	400 miles
Ch. 5	12 Stations	ES	KENS	1282 miles	Trops	WNBQ	362 miles
Ch. 6	23 Stations	ES	KRIS	1333 miles	Trops	WPSD	510 miles
Ch. 7	5 Stations				Trops	WBKB	362 miles
Ch. 8	7 Stations				Trops	WISH	300 Niles
Ch. 9	5 Stations				Trops	WGN	362 miles
Ch. 10	7 Stations				Trops	WSLS	273 miles
Ch. 11	6 Stations				Trops	WMBV	450 miles
Ch. 12	7 Stations				Trops	WISN	400 miles
Ch. 13	8 Stations				Trops	WHO	700 Miles
UHF	14 Stations				Trops	WTAP	15 136 miles
Total stations	166	3 countries	USA	Canada	& Cuba.		

Gary Olson log another fine log.

Total received 177 VHF 150 UHF 27

Longest Skip Ch. 2-6 KTVK Ch. 3 1460 mi. Trops KGLD Ch. 11 740 mi.

UHF WFIE 14 & WEHT 50 280 mi.

Ch. 2-6 90 received 7-13 60 rec. UHF 27 rec.

Total verified 165 out of 177 very good.

WWS

"RANK COLUMN"

Sept. 1960

by Walter W. Spaulding

Richard Bergen has a very good report this month.

Total 102 Low channel 60 KOOK 2 1260 miles

High channel 35 WFAA 8 735 miles Trops UHF 7 WSIL 22 170 miles T  
Verified 58 Ms WBBM 2 and KDAL 3 at 675 miles ES shortest WOW 6 590

Channel 2 22 Stations KOOK 1260 miles

Channel 3 6 Stations KDAL 675 miles

Channel 4 16 Stations KGBT 1090 miles

Channel 5 6 Stations KFBC 1020 miles

Channel 6 10 Stations KRIS 985 miles

Channel 7 8 Stations KLTU 680 miles

Channel 8 5 Stations WFAA 735 miles

Channel 9 5 Stations KWTU 695 miles

Channel 10 3 Stations WGEM 330 miles

Channel 11 3 Stations KTHV 445 miles

Channel 12 4 Stations WISN 350 miles

Channel 13 7 Stations WIBW 575 miles

UHF 7 Stations WSIL 170 miles

26 states 3 provinces Cuba CMAB 2 CMJA 2

Gary Olson sent in the following verie signers

KYW TV	3	Cleveland, Ohio	S.V. Stadig (C.E.)
WLW-C	4	Columbus, Ohio	QSL Card
WDAF-TV	4	Kansas City, Mo.	Miss Margret Ann Sullivan (E. Sec.)
KRGV-TV	5	San Antonio, Tex.	Fred Noble (Oper. Dir.)
KPLR-TV	11	St. Louis, Mo.	Miss Jan Reno (Oper. Dir.)
XEFB	3	Monterrey, Mexico	Ofeelia Solano (Mgr. Sec.)
KGNC-TV	4	Anarillo, Texas	Wm. Torrey (C.E.)
WTRF-TV	7	Wheeling, W. Va.	H.L. Daubenneyer (C.E.)
KSD -TV	5	St. Louis, Mo.	J.E. Risk (C.E.)
WRAY-TV	52	Princeton, Ind.	Lee Kennedy (C.E.)
WFIE-TV	14	Evansville, Ind.	Paul Kelley (C.E.)
WEHT	50	Evansville, Ind.	Robt. Cleveland (C.E.)
WTTV	4	Bloomington, Ind.	D.H. Morgan (Ass. C.E.) (Card)
WJW -TV	8	Cleveland, Ohio	H.A. Brinkman (C.E.)
WHTN-TV	13	Huntington, W. Va.	C.A. Prohaska (Tech. Dir.)
WTVW	7	Evansville, Ind.	John Schuta (C.E.)
WCHS-TV	8	Charleston, W. Va.	Harry Brawley (Prom. Dir.)
KYTV	3	Springfield, Mo.	Dennis White (C.E.) (Card)
CKOS-TV	3	Yorkton, Saskatchewan	Geo. Skinner (Tech. Dir.)
KTVO	3	Kirksville, Mo.	Antonius Mulder (C.E.)

Some of Frank Hill verie signers

WEAP	5	Director Promotion, 3900 Barnett St. Fort Worth, Texas
CBOT	4	Division of Eng. P.O. Box 1045, Ottawa, Ont. Canada
CBWT	3	Press & Info. Rep. Box 160 Winnipeg, Mont.
KGBT	4	C.E. P.O. Box 711, Harlingen, Texas
KGNC	4	P.O. Box 751, Anarillo Texas
KOA	4	Dir. of Eng. NBC Bldg. Denver, Colo.
KGBS	5	C.E. San Antonio 5, Texas
KFDX	3	Vice Pres. Box 2331, Wichita Falls, Texas
KIEM	3	Redwood Broadcasting Co. Box 1021, Eureka, Cal.
KPRC	2	C.E. P.O. Box 1234 Houston, Texas 1
KWFT	6	C.E. Wichita Falls, Texas (Form Letter)
KCMC	6	Film Dept. Texarkana, Texas

Frank had a few more but lack of space will have rest next month.

I wish again to thank each one who has sent get well cards and I still need letters and information. To tape recorder fans send tape if desired have a little with microphone but I am going to get that fixed.

Walter W. Spaulding RT. 3 Cardington, Ohio

Gary Olson, Barrington, Ill. ---Es, July 25, CJBK-3 (tent.); Aug. 2, KYTV-3 WLBT-3; Aug. 7, KFDX-3 KMID-2; Aug. 13, KBTX-3. Via tropes, July 25, WEAU-13 WCPO-9; Aug. 1, KARD-3 KMTV-3 KAKE-10 (580 miles) WKBT-8 KTVH-12 (575 miles) KOLN-10 KRNT-8 WHO-13 KGLD-11; Aug. 2, KMBC-9 KTV-4 WOW-6 WIBW-13 KMOX-4 KETV-7 KCMO-5 KFVS-12 KTVO-3; Aug. 4, WWTW-13 WJIM-6; Aug. 7, KPLR-11 KWWL-7 KCRG-9; Aug. 15, WHO-13 KPLR-11 KSD-5 KMMT-7 KHQA-7 KRNT-8; Aug. 16, KMSP-9 WWJ-4 KMBC-9 WTCN-11; Aug. 18, WLWC-4 WHIO-7 CKLW-9 KHQA-7. His log is now at 177 with 12 new.

B.J. Bingham, Festus, Mo. ---Es, July 30, XEZ-3 XEFB-3; Aug. 3, WTAR-3 WTIC-3 KDKA-2 WKTV-2 WGR-2 WMAR-2 WRGB-6 WGBH-2 KTVK-3 WRCV-3. Via tropes, July 26, WBBM-2 WBKB-7 WGN-9, WNBQ-5 KTHV-11 KATV-7; July 27, WMCT-5 WREC-3 WHBQ-13 WSIX-8 WDXI-7 KGAM-7 WIBW-13 KCMO-5 WLAC-5; July 28, WSM-4 KRNT-8 WMT-2 KTVH-12 KOTV-6 KWTW-9 WREX-13 WWTW-13 (580 miles). Aug. 1, KETV-7 KOLN-10 KDLO-3 KPLO-6 KELO-11 KGLO-3 KSOO-13 WBNS-10 WILX-10 KVTW-9; Aug. 2, KHAS-5 WKZO-3 KMBC-9; Aug. 5, WBBM-2 WCPO-9 WREX-13 WISN-12 WOC-6. Log is now at 254 with 5 new.

Richard Nieman, Buffalo, N.Y. ---Es, July 12, WTHS-2 CMQ-6 CMKJ-3 (1550 miles); July 13, WSIL-3; July 15, KCKT-2 KTVR-2 KTVI-2 WMT-2 KCMO-5 WAGA-5; July 28, KTVR-2 KNOP-2 KCKT-2 KDIX-3 KTVI-2 CBWT-3; Aug. 2, KARD-3 KOTV-6 KFBC-5 KOCO-5 CBHT-3 KCSJ-5; Via tropes, July 24, WJPB-5 WBNS-10 WLWI-13 Aug. 1, WGN-9 TROPS, Aug. 2, WITI-6 WBKB-7 WBBM-2 WDBJ-7 WLWI-13 WREX-13 (520 miles) WTHI-10 WOOD-8 WNBQ-5 WPBN-7 KOLN-10 (940 miles); Aug. 16, WGN-9; Aug. 17, WCDA-41; Aug. 18, WITI-6 WKOW-27 (536 miles); Aug. 25, WTVR-6 WSLS-10 WXXM-8 WAVY-10 WRVA-12 WOR-9 WPIX-11 WNTA-13. Log is now at 259 with 13 new.

Bill Eckberg, Walnut, Ill. ---Es, July 29, WTHS-2; Aug. 2, WAIQ-2; Aug. 7, KENS-5. Via TROPS, July 28, KOLN-10 KELO-11 KVTW-9 KMBC-9 KETV-7 WTCN-11 July 29, KODE-12; July 30, KODE-12 KTTS-10 KAKE-10 KAYS-7 (549 miles) KWTW-9 KOAM-7; July 31, KELO-11 KODE-12 KTVH-12 KSOO-13; Aug. 1, KWTW-9 (612 miles) WIBW-13 KUON-12 KQTV-21 KMBC-9; Aug. 15, WTCN-11 WFIE-14 WEHT-50 KSTP-5 KMSP-9 WTOL-11 KOLN-10 WOW-6; Aug. 16, WHAS-11 WJRT-12 WEHT-50 KMSP-9 WKXP-27 WSM-4 WPSD-6 CFRN-3 WSIX-6; Aug. 17, WCPO-9 WLWD-2 WXYZ-7 WICU-12 WHAS-11 WFIE-14; Aug. 26, KUON-12 KELO-11 KOLN-10 KSOO-13 KQTV-21 KDLO-3 WDAY-6 KETV-7. His log is now at 214 with 6 new.

Billy Draeb, Kewaunee, Wis. ---Es, Aug. 3, KMID-2 KFDX-3; Via TROPS, July 20, WTHI-10 WSPD-13 WKRC-12 WSPD-13 WLWI-13 WKOW-27 WFAM-18; July 21, WBNS-10 WSPD-13 WTHI-10 WKJG-33 WHAS-11 WKRC-12; July 22, KYW-3 WICU-12 WSPD-13; July 23, WHBF-4 WFAM-18 WMTV-33; July 25, WBNS-10 WCIA-3 WKJG-33 WANE-15; July 27, WMTV-33 WTVO-39 WTHI-10 WKRC-12 WPTA-21; July 29, KROC-10 WGEM-10 WTVO-39 WKRC-12 KMSP-9 WMT-2 KSTP-5; Aug. 1, KMOX-4 KSD-5; Aug. 5, KYW-3 WSPD-13 WMTV-33 WFAM-18; Aug. 15, KMSP-9 KRNT-8 WICS-20 WEEK-43 WTVH-19; Aug. 16, WICU-12 WGEM-10 KHQA-7 KFVS-12 KDAL-3; Aug. 17, WLWT-5 WBNS-10; Aug. 18, WIIC-11 WBOY-12 WNBK-12 (600 miles) WSTV-9 WTRF-7; Aug. 19, WICU-12 WCAU-10 (710 miles). His log is at 254

Norm Erint, Kenmore, N.Y. ---Ms, Aug. 11, KCMO-5; Aug. 12, KORN-5. Es, Aug. 2, KARD-3 KOCO-5; Aug. 3, CBHT-3. Via TROPS, Aug. 2, WOOD-8 KOLN-10 (940 miles) WGN-9; Aug. 3, WINR-40; Aug. 4, WOOD-8; Aug. 8, WFIL-6; Aug. 18, WBKB-7 WOOD-8 WNBQ-5 WITI-6; Aug. 24, WOOD-8 WWTW-13; Aug. 25, WTOM-4 WBNS-10. His log is now at 207.

David Janowiak, Milwaukee, Wis. ---Es, Aug. 1, KAKE-10 KOLN-10 KSTF-10 KOMC-8 KTUL-8; Via TROPS, July 21, WIIC-11 WKBW-7 (tent.) WTOM-4 WXYZ-7 WWJ-4 WICU-12 (tent.) Tropes good to 350 miles. Aug. 17, WBEN-4 Detroit on 2, 4, 7. WCPO-9 WSTV-9 WBNS-10 WTOL-11 CHEX-12; Aug. 18, WBEN-4 WIIC-11 WJAC-6 WTEN-10 (tent.) WXYZ-7. His log is now at 260.

John Dyckman, Canfield, Ohio ---TROPS, July 20, WFMJ-21; July 21, WXYZ-7; July 31, WKST-33. His log is now at 10 with nine verified.

Billy Meers, LaGrange, Ky. --- TROPS, Aug 1, KETV-7 KAYS-7 (745 miles)  
KAKE-10 KTVH-12; Es, Aug 2, KDUH-4 KORN-5 WOW-6

David Pomeroy, Overland Park, Kansas --- July 2, KWWL-7; July 3, WGR-2  
WBEN-4; July 6, CBFT-2 WUSN-2 WGR-2 WTAR-3 WSYR-3; July 21, KRNT-8 KTVO-3;  
 July 27, KELO-11 KOMU-8 KOAM-7 KETV-7; July 28, KVOO-2 KYTV-3 KETV-7 KOAM-7  
KWTV-9 KOLN-10 KODE-12. His log is at 96 with 5 new.

Frank Wheeler, Erie, Pa. --- TROPS, Aug. 8, WSYR-3 WLWC-4 WNEM-5; Aug. 12,  
WNEM-5 WWTV-13; Aug. 14, WSYR-3 WBNF-12; Aug. 16, WSYR-3 WNEM-5 WJIM-6; Aug. 17,  
WJIM-6 WOOD-8 WNEM-5; Aug. 23, WSYR-3 WLWC-4; Aug. 25, WJIM-6 WNEM-5 WTOM-4  
 Aug. 26, WILX-10 WLWC-4 WJIM-6. His log is now at 137 with 1 new.

# FINAL CONTEST STANDINGS

DAVID KANAAR	2589	POINTS	Nice going Dave
Bill Nieman	1636	points	
Donald Ruland	1452	points	
John Parillo	1384	points	
Bob Berg	875	points	
Frank Wheeler	557	points	
Frank Hill	313	points	
Dennis Smith	114	points	

Dave Kanaar, Buffalo, N.Y. --- TROPS, Aug 1, WOOD-8 WSTV-9 WILX-10 WJRT  
-12 WFAM-18 (40 miles) WNDU-16 WSBT-22 WSJV-28 WFMJ-21 WKBN-27 WKST-33;  
 Aug. 2, Es, KOTV-6 KOCO-5; Aug. 3, CBHT-3; Aug. 15, CKCK-2 CHAB-4 CBWT-3; TROPS  
 Aug. 3, WSYR-3 WBRE-28 WOOD-8 WILX-10 WKZO-3; Aug. 4, WKNX-57; Aug. 6, CKLW-9  
WTOL-11 WSPD-13 WFMJ-21 WKST-33 WIMA-35 WJRT-12; Aug. 12, WWTV-13 WSBT-22  
WFIL-6 WKZO-3; Aug. 15, WCNY-7 WILX-10 WWTV-13 WJRT-12; Aug. 17, WANE-15  
WPTA-21 WKJG-33 WITI-6 WFBM-6 WBKB-7 WISH-8 WKZO-3 WNBQ-5 WGN-9 WBBM-2  
 Aug. 25, WDAN-24 (500 miles) WTOP-9 WGAL-8 WNHC-8 WXEX-8 WBNS-10 WBAL-11  
 Aug. 26, WCDC-19. His log is now at 101 with a big 26 new.

Mrs. Wm E Burritt, Waterloo, N.Y. --- Es, Aug. 2, KGNC-2; Aug. 3, WBRZ-2  
KPRC-2 KFEQ-2 KARK-4 KPAC-4 CJBC-4 KCMC-6; Aug. 5, WBRZ-2. TROPS, Aug. 6,  
WFBG-10.

John Parillo, Girard, Ohio --- Es, July 15, WTHS-2; Aug. 3, WBRZ-2 KFDX-3  
WWL-4 KPRC-2 KCKT-2 KNOP-2 KVOO-2 KTVR-2 KDUH-4 KOA-4 KHPL-6. Via TROPS  
 July 22, WHTN-13 CHCH-11 WSJS-12; July 29, WQEX-16; Aug. 2, WOOD-8 WFBM-6  
WNBQ-5 WHO-13 WESH-2; Aug. 3, WBRZ-2 KFDX-3 WWL-4 KPRC-2 KCKT-2 KNOP-2  
KVOO-2 KTVR-2; Aug. 18, WNBQ-5 WBBM-2 WJIM-6; Aug. 19, WILX-10; Aug. 23,  
WHTN-13. His log is now at 166.

Carlton Howington, Uniontown, Ohio --- Es July 2, KMID-2 KPRC-2 KBTX-3;  
 July 3, KYTV-3 KVOO-2 KMTV-3 KPRC-2 KPAC-4 KDUH-4 KNOP-2 KTWO-2; Aug. 3,  
KTVR-2 KHPL-6 KOA-4 KNOP-2 KDUH-4 KDLO-3 KOTA-3; Aug. 2, KCKT-2 KTVC-6  
KARD-3 KPRC-2. Via TROPS, July 2, WAVE-3 WHAS-11 WDEF-12; July 3, WBIR-10  
WLCS-13 WJZ-13 WBAL-11 WFIL-6 WCAU-10 WRC-4; Aug. 1, KMOX-4 KSD-5  
WISH-8; Aug. 2, WISH-8 WITI-6 WGN-9 KRNT-8 WLWI-13 WHO-13 (650 miles);  
 Aug. 12, WPBN-7 WSEE-35 WHIZ-18 CKLW-9; Aug. 13, WJPB-5.

Thomas J. Hidley, Chicago, Ill. --- Es, Aug. 3, KBTX-3; Aug. 7, WOAI-4  
KFDX-3; Aug. 16, KDAL-3. Via TROPS, July 23, WTCN-11 WFAM-18; July 25, WSPD-13  
WHAS-11; July 29, WICS-20 WEEK-43 WTVN-19; Aug. 1, KTVH-12 KWWL-7 KFVS-12;  
 Aug. 5, WKOW-27 WHA-21; Aug. 15, KOMU-8 KPLR-11 WEAU-13; Aug. 17, WLEX-18  
WKYT-27; Aug. 18, WICU-12 WLWC-4; Aug. 23, WDAN-24. His log now at 140.

Peter Gaddy, Elmhurst, Ill. --- TROPS, Aug. 1, WCPO-9 WKRC-12 CKLW-9;  
 Aug. 7, WGEM-10 KHQA-7; Aug. 8, KFVS-12 WJRT-12; Aug. 11, WMT-2; Aug. 12, KTVH-12.  
 Aug. 15, WEAU-13 WHO-13 WKBT-8 KPLR-11 KROC-10 KTVO-3 WTCN-11; Aug. 18,  
CHCH-11; Aug. 22, WLWD-2; Aug. 23, KELO-11 WSPD-13 WTOL-11.

FM-DX  
6097 Macdonald Avenue.

A.I.P.A.

September, 1960.  
Montreal 29, Quebec.

Hi! By the reports ~~in~~ which came in in the last month, DX seems to have been quite good.

Gordon Simkin of Idaho Falls, Idaho, has had some excellent DX, skip-wise: June 9-KONO-92.9; KDMC-95.5; June 16- KCUR, 89.3; KCMK, 93.3; KCMO, 94.9; KXTR, 96.5; KGBM, 98.1; June 17-skip was up to 94 mcs. but no ID was heard; June 28-FM to 100 mcs. from the St. Louis area; June 29-Aurora FM; July 20-KNFM-92.3; KONO-92.9; KRKH-93.7; KBFM-96.3; KEEZ-97.3; KISS-99.5; Some fine catches are listed here. Nice work, Gordon!

Thanks to John C. Dyckman, WPESBY, 318 Fairview Avenue, Canfield Ohio for the interesting letter. John's log is at 25 with 18 verified. He also writes that WKBN-FM 98.9 verifies with a coverage map and duplicates WKBN's AM transmissions on 570. Also WHOT-1570 has an FM outlet with call letters WRED. Thanks for the letter.

Albert J. Kopec, Himrod, New York, just installed a 6 element home made Yagi, similar to the one ~~x~~ shown in the latest Radio<sup>3</sup>TV Experimenter. Since the installation, he has logged 23 new stations, to bring the total to 56, with 19 veries. Here are Albert's latest: ~~Ang~~ WGFM-99.5; WCOP-FM -100.7; WDRC-FM -103.3; WROC-FM -97.9; WLNA-FM -100.7; WCED-FM -102.1; WCCC-FM 107.3; WPPA-FM -101.9; WRAK-FM-100.3; WGAL-FM -101.3; wkip-FM 104.7; WEBR-FM-94.5; WJBR-99.5; WNEW-FM; 102.7; WBAI-99.5; PWEN-FM 102.9; WEST-FM 107.9; WIP-FM 93.3; WPIC-FM 102.9; WNAA-FM 94.7; WYZZ-103.3; WBRE-FM 98.5; WDAC-FM 94.5 . Thank you for the report, Albert.

From Frank Wheeler, Erie Pa., comes a schedule of all the Buffalo area stations, which I will print to help those who need these stations. Frank is not an FM D er yet.: 92.9 WBUF 6.45AM to 2 AM; WJTN 93.3 5.30AM to 12 PM. WEBR 94.5 12.PM to 12 M.; 95.7 WHDL 6AM to 12PM; WGR 96.9 9AM to 12; 98.5 WHLD 6.AM to 12; 102.5 WBEN 5AM to 1AM; 103.3 WYSL 7.30AM to 12M; 104.1 WWOL 7.30AM to 6.30PM; 105.3 WWHG 5.30AM to 9PM 107.7 WRRL 6.15 AM to 12. All times are EST. Thanks Frank.

Jim Hughes, P.O. Box 2182, Saginaw Michigan, now has 36 FM veries, including those received off his car radio. Jim's latest DX was on August 2, when he received KRLD-FM, 92.5 in Dallas. KRLD was heard on both his Blaupunkt car radio and an HH Scott tuner. Thank you for the letter, Jim.

And that is all I have here for this month. This is the last column <sup>+</sup> will be writing as I don't believe that I will have enough time to devote to the column. I would appreciate it if someone else would take over the column so it can continue. ~~if anyone is willing, please write to Art and tell him so.~~ If anyone is willing, please write to Art and tell him so.

73 and Good Dx to all.

Phil Jacobs

Southern DX  
September, 1960

Compiled by: Donald Ruland,  
834 8th St, Holly Hill, Fla.

As was the case in July, DX was good everywhere except in Florida, in August. Maybe September will be the big one here, hi. Here are the doings of the Southern DXers in August:

v Robert Berg, Norfolk, Virginia---Via tropes: Jul28--WECT-6; Jul31--WRCV-3, WFIL-6, WCAU-10, WPIX-11, WCBS-2; Aug1--WCSC-5; Aug3--WECT-6; Aug4--WECT-6; Aug5--WFIL-6, WECT-6; Aug7--WSVA-3, WFIL-6, WCAU-10, WRCV-3; Aug8--WRCV-3, WECT-6; Aug9--WECT-6, WFIL-6, WGAL-8, WCAU-10; Aug10--WFIL-6, WCAU-10; Aug11--WECT-6, WCYB-5; Aug12--WFIL-6, WECT-6; Aug13--WFIL-6, WCAU-10, WRCV-3; Aug14--WRCV-3, WFIL-6, WCAU-10; Aug15--WLVA-13, WECT-6; Aug17--WECT-6; Aug19--WCBS-2, WFIL-6; Aug20--WECT-6, WCYB-5, WHIS-6; Aug21--WECT-6; Aug24--WFIL-6, WCAU-10, WGAL-8; Aug25--WGAL-8, WECT-6; Aug26--WHIS-6, WECT-6, WCYB-5. Via Es: Jul28--WBIM-2; Aug2--KFDC-5 (1575 ni), KHEP-6, KUSD-2, WBRZ-2, KFEQ-2; Aug3--KFEQ-2, KVOO-2, WKY-4, KYIV-3, KHAS-5, WOW-6, KMTV-3, KDUH-4, KCKT-2, KFDC-5, KTWO-2; Aug5--WDAY-2, WERV-5; Aug6--KFEQ-2; Aug7--KVOO-2, WKY-4; Aug8--CMBF-4, CMAD-2. Via MS: Aug8--CJIC-2. Nice going again Bob!! His log now at 120 stations with nine new this time.

Kenneth Neal, Hamlin, Texas---Via tropes: July11--KTVH-12; July12--KODE-12, KTHV-11. Via Es: July6--KTUU-2; July7--WBIM-2, WJIK-2; July8--WCIA-3, KKA-2; July12--WKZO-3, WCCO-4, WDAY-2, WIMJ-4, KDAL-3, KXJB-4, CKCK-2, KSTP-5; July13--KGLO-3, WBIM-2; July30--KCRA-3, KPIX-5, KTVU-2, KRON-4, KUTV-2; July31--KBOI-2; Aug1--WESH-2, WSAV-3; Aug2--XEW-2, XHTV-4, XHGC-5; Aug4--KDIX-2, KOTA-3, KXJB-4; Aug5--WAIQ-2; Aug7--WDAY-2. Via MS: July10--KOOK-2; July30--KTVR-2, KID-3; Aug5--WTTV-4. Log remains at 206 stations.

c Richard Beagen III, LaGrange, Kentucky---Via tropes: July23--WSAZ-3; July24--WTRF-7, KHQA-7; July25--WBIM-2; July26--KYW-3; Jul29--WBIM-2; July31--WCIA-3, KHQA-7; Aug1--WKZO-3, KMOX-4; Aug3--KMOX-4; Aug4--WLAC-5; Aug5--WBIM-2; Aug6--WCIA-3, WSAZ-3; Aug7--WCIA-3, WXYZ-7; Aug8--KYW-3, WJW-8, WXYZ-7; Aug13--WSAZ-3; Aug15--WMT-2, KCRG-9, WOC-6, KHQA-7; Aug16--WBIM-2, KCRG-9, WHTN-13, WMT-2; Aug17--KMOX-4, WNBQ-5, WGN-9, WISN-12, WIKD-7, WBIM-2; Aug20--WCIA-3; Aug23--WBIM-2. Via Es: Aug2--KNOP-2, KDUH-4, WOW-6 (590 ni), KFDC-5, KTVR-2; Aug3--KTVR-2, KNOP-2, KDUH-4, KTWO-2, KDIX-2; Aug4--KTVR-2; Aug7--KTVR-2; Aug8--CMBF-2 (CMJA). Via MS: Aug5--WBIM-2 (270 ni!!). His log is now at 102 received, 62 verified, with 5 new.

Bedford Brown, Hot Springs, Arkansas---Via tropes: July29-30--KXII-12, KRLD-4, KFJZ-11, WBAP-5, KTRK-13, KPRC-2, WBRZ-2, WAFF-9, WYMS-8, KFDM-6, KPAC-4, KPLC-7, WDAM-7, WVUE-13 (?), KALB-5, WKRC-5, WJTV-12, WLBT-3, WALA-10; July31--WBRZ-2, KPRC-2. Via Es: July29--WGR-2, WKTU-2, KNXT-2; July30--KEDY-4, KOB-4, KMID-2, KREX-5, KLRJ-2, WJIK-2. Log now at 348 with 8 new....all this in three days!!

Ray Foster Jr., Monroe, Louisiana---Via tropes: July26--KPRC-2; July27--KVOO-2; Aug4--KTRK-13, WWL-4, WMCT-5, WREC-3; Aug5--KPRC-2; Aug6--WTOK-11; Aug9--KPAC-4; Aug11--KPRC-2, WREC-3; Aug12--KPRC-2, KPAC-4; Aug13--WAFF-9, WBAP-5; Aug14--WKY-4, KOTV-6; Aug25--KPRC-2, WFAA-8. Via Es: Aug3--KDIX-2, KOOK-2, KTWO-2, KDLO-3. Ray now has 81 stations, with 3 new this month.

Bill Meers, LaGrange, Kentucky---Via tropes: July31--KHQA-7; Aug1--KPLR-11, KMBC-9, KOLN-10 (615 mi), WCHS-8, KAKE-10 (645 mi), KAYS-7 (745), KELO-11 (680), KTVH-12 (675), KCMO-5, KWWL-7, KHQA-7, KVTM-9 (640), WIEW-13 (560); Aug2--KOLN-10, KVTM-9, KAKE-10, KETV-7 (585), WHO-13, KWWL-7, KHQA-7; Aug3--WJIK-2, WGEM-10; Aug5--KOMU-8; Aug8--KHQA-7; Aug15--KHQA-7, WGEM-10, WSAU-7 (505), KRNT-8, KCRG-9, WOC-6, WMT-2, WREX-13, KWWL-7, KMMT-6 (535); Aug16--WHDF-4, WOI-5 (510), WGEM-10, KWWL-7, KHQA-7, KCRG-9, WMT-2, WSAU-7, KROC-10 (535); Aug17--WCCO-4 (600), KMSP-9 (600), WILX-10, WJW-8, WEAU-13 (535), WREX-13, KHQA-7, WSAU-7, WXY Z-7, WISN-12, WTTW-11, WGN-9; Aug18--WWJ-4, WJIK-2; Aug23--WDBJ-7; Aug26--WTRF-7, Aug27--WDBJ-7, KHQA-7, WEKB-7. Via Es: July29--KTWO-2, WTHS-2, CMBF-2; Aug2--KTVR-2, KNOP-2, WOW-6 (585), KDUH-4, KORN-5, KFBC-5, CMBF-2, WTHS-2; Aug3--WGDH-2, KDUH-4, KTVR-2, KTWO-2, KDIX-2; Aug4--KTVR-2, KMID-2; Aug5--CMBF-2; Aug7--KTVR-2, KOA-4; Aug8--CMBF-2. Via MS: Aug3--WTAR-3; Aug11--WCBS-2. Another fantastic month has given Bill 13 new, for a total of 212!!

Don Ruland, Holly Hill, Florida---Via tropes: Aug2--WJBF-6; Aug8--WJBF-6, WBTW-8, WIS-10; Aug9--WJBF-6; Aug12--WITN-7, WBTW-8; Aug13--WIS-10; Aug18--WJBF-6; Aug20--WIS-10, WBTW-8, WJBF-6, WSOC-9, WRDW-12; Aug21--WBTW-8, WIS-10; Aug22--WJBF-6; Aug30--WJBF-6. Via Es: Aug1--KBTX-3; Aug2--KBTX-3, KRLD-4, KMTV-3, KGLO-3, KARD-3; Aug8--KRLD-4, KTDS-3. Via unid propagation: Aug16--KCEN-6 & KTDS-3 (seen from 0555-0605 steady). Log at 171 with one new.

#### AVERAGE MILEAGES

Bedford Brown	Hot Springs, Ark.	First	107	1302
Doris Johnson	Longview, Wash.		145	1196
Ron Hilding	Phoenix, Ariz.		125	1154
Jim Dillon	Regina, Sask.		86	1059
Ken Neal	Honlin, Texas		206	1007
Dennis Smith	Wasco, Calif.		98	828
Don Ruland	Holly Hill, Fla.		171	793
Dave Webb	Springfield, Mass.		69	774
Robert Berg	Norfolk, Va.		120	762
Ed Bourgeois	Norco, La.		276	710
Norm Ernt	Kenmore, N.Y.		204	614
Frank Wheeler	Erie, Pa.		138	610
Jim Pirch	Richmond, Mo.		122	589
John Pamillo	Girard, Ohio		166	556
Bill Draeb	Kewaunee, Wisc.		250	521
Dick Nienan	Buffalo, N.Y.		233	517
Bill Nienan	Buffalo, N.Y.		204	512
Richard Bergen	LaGrange, Ky.		102	477
Ray Foster	Monroe, La.		81	465
John Dyckman	Canfield, Ohio		10	45

Get Well Wishes are the order this month to Walter Spaulding and B.J. Bingham. I'm sure both of you will be back dragging in DX (where you find it, I'll be darned if I know--hi!) very soon!

That's it for this session. Here's hoping the Western AIPA Convention was as big a success as the Eastern. Till October,

Best of 73's

Don Ruland, SDX

Sept. 6, 1960

## "THE IMMENSITY OF SPACE"

Another month rolls along on its wings, time waits for no one. The D' X Space reporters got together in Chicago for The AIPA National Convention, July 16th and 17th. By the time you receive this bulletin, seven weeks have past, and we can all look back, and say it must have been a dream. Did it really happend? Yes! we had 43 witnesses here that can prove it was'nt just a fantasy. Every convention gets just a little better each time, also the attendance. Just keep this in mind, prepare for the next one in 1961. Use your flying belts, or your flying disk, that you may attend the next convention where ever it is held.

Twelve states were represented here at the Chicago Convention. Several members traveled through space to get here. Don Ruland from Holly Hill, Florida, and James Mitchell from Dahlgren, Virginia. Both landed here, one from the Midway Airport, and the other from O' Hara Field. Many of the members traveled at ground level, and some of them covered plenty of space in just a short time by using the toll roads.

During the two day convention at John Opyd's Place, The Crystal Ball Room and here at the Hidleys. The boys were gathered around the TV sets busy D' Xing, trying for long distance TV Stations. Both days DX wa s not up to par, but managed to get several stations within one-hundred and eighty air miles. All were ~~INTERESTED~~ interested at looking at one another's photos and verifications. Cameras, and tape recorders were all over both places on the South side of Chicago, and here on the North West side. John Opyd, Ed Prond and I wish to thank you for the wonderful Thank You cards and letters. It was a grand get together that will always be remembered.

A few days a fter the convention. I heard some wonderful comments from my neighbors. Most well behaved, not noisy, and a fine group of boys, with an unusual hobby. This all proves to me, we do have a wonderful organization, that works for the good of one another.

At this time we wish to thank Bob Cooper who is the Editor of D' Xing Horizons, and the nice write up for the on coming convention. Through this several new members joined the ranks of the AIPA.

We are glad that everybody reached home safely after the convention and we are looking forward into the year of 1961, when we again can enjoy the fellowship of one another.

Any one interested in Polaroid pictures of The AIPA Convention group of members, can send 20 cents in stamps for each picture to me on request. Those who could not attend, I know would appreciate pictures of the 1960 Convention in Chicago.

If you are a reader of our bulletin, and would like to become a member, I am sure Art Collins would be glad to hear from you, whether you are an engineer, or hold an executive position in a company, or electronic minded, and what ever field you work in.. Now is the time to join the ranks of a small army of D' Xers across the nation for the sum of \$3.00 for one year. What you spend for this worth while unusual Hobb you will never regret.

With w armetst regards to all.

Yours respectfully,  
Thomas J. Hidley

" TV CORNER " Do you like your new baby sister, Tommy? " Oh yes she's allright, but there are a lot of things we needed more."

6117 N. Canfield Avenue  
Chicago 31, Illinois

.....#####Your AIPA Monthly Meteor Scatter Column#####  
Conducted by: Billy Draeb Ellis Street Kewaunee, Wis.  
.....

Not many reports recieved this month and none of them are very good at that anyway but that's alright as long as they bothered to send them in. Here are the reports.

Jim Pirch, Richmond, Mo.---Aug.2nd WFMY\*2. Thanks Jim.

Frank Hill, Gallipolis, Ohio---July 2nd WCBS-2; July 5th WCBS-2, WBBM-2; July 6th KDAI-3, ~~WON###~~ KMID-2(1,200mi); July 12th WCBS-2; July 17th WCBS-2; July 23 WCBS-2, WBZ-4, CBHT-3. Nice going Frank.

Billy Draeb, Kewaunee, Wis.---July 27th WFMY-2; Aug.9th WCBS-2.

I am sorry to say that I have some bad news this month#in addition to some good news as always. About a week ago I got a card from Bedford Brown saying that B.J. Bingham had suffered a stroke. I was sure sorry to hear# this bad news and I sure hope that he recovers soon and is well enough to get back to DXing. If any of you Dxers want to drop him a card his address is Room 2306 Barnes Hospital 600 South Kingshighway St.Louis 10, Mo. I'm sure he would appreciate a card from some of you.

The other bad news I have is that I sort of goofed in telling you when the Persieds meteor shower was suppose to peak. I said it was suppose to peak Aug.12-~~11~~ 14 but instead it peaked on the 11th at 2300. I found this out from the weather man on WTMJ-4 while I was watching the weather at 2210. I didn't stay up to watch for bursts when it was suppose to peak because I was tired and had to go to work the next morning. So if you didn't see much during the 12, 13 and 14 you can blame all on my cotton-pickin' mistake.Hll

Well, I haven't seen much Es or Ms but tropes have been pretty good lately. I saw six new ones via tropes since last month. They are KSD-5(440mi) on Aug.1; WLWT-5(405mi) on Aug.17; WNEF-12(600mi) on Aug.18; WCAU-10 which was in for only 5 minutes at 710mi on the 19th and WABC-7(750mi) and WKBW-7(450mi) on the 24th. If this is any indication of whats coming up this fall in the line of tropes,I'll be lookingand waiting for those extra long catches. My log is now at 256.

An educational UHF experiment is suppose to take place in Montpelier, Indiana next Month(Sept.). Educational programs are suppose to be transmitted on chs.72, 75, 76, and 78 from an airplane flying over Montpelier Indiana at 23,000ft. The exact date is not known yet but if you want to find out pick up the September edition of "DXing Horizons" as they are suppose to be covering the event.

I also had a visit about a week ago with David Combs of Columbia,Mo. He's a short wave dx enthusiast but recently turned to TV dxing. He came up this way on vacation so he thought he would drop in on me. He told me of his crude method of turning his antenna to get the best signal from the station he's watching. His set is in the basement and his antenna is in the attic on a box. He has to run from the basement to the attic to turn his antenna by hand to the best position to get the best picture on his set. He said he's going to get an antenna and rotor and and mount it on the roof of his house because he said he's tired of running back & forth.

I guess that's it for this month then. Sure hope I get a little more Ms next month. 73's

Bill

### Meteor Scatter Propagation

One of the most fascinating and rewarding modes of propagation known to the DX'ers is meteor scatter (MS), also often called meteor burst reception. This type of propagation is much harder to receive than any other common propagation-type because of its weak, sporadic nature and extremely short duration. MS is the true DX'ers favorite mode because along with a good receiving system, all the skill you have must be used.

It is estimated that 10 billion meteorites each day enter the ionosphere each day with enough force to reflect VHF waves. These meteorites themselves do not reflect the wave, but the ionized trail causes the reflection. They are divided into two types, over-driven and under-dense meteors are extremely rare and cause enough ionization to bring in bursts of several minutes or more. I personally had a ten minute overdense burst two years which is the longest I have heard of. Underdense meteors are not large enough to cause complete reflection so the burst strength and intensity lower than the overdense type. These underdense meteors, which ionize only a small area around them, are the type usually seen. As frequency goes up signal strength goes down to the third power and duration decreases to the second power. Thus, high band bursts will be considerably shorter and weaker than low band bursts. Before looking for high band bursts, see if a good number of high intensity, long duration bursts are coming in on the low band; if they are, you should see some high-band DX.

It is interesting to note that the receiving antenna should not be pointed directly at the transmitting station, but seven degrees to either side of the direct path. This is caused by the meteors coming into the E layer (100km) at an angle. The ionization takes place in the E layer. One of the characteristics of MS is the whistling which usually accompanies it. This whistling is a doppler shift in frequency. The shift will be large when the meteor is moving directly towards or away from the transmitter or receiver and decreases as the meteor moves more perpendicular to the earth.

Since ionization takes place in the E layer, it is common sense that any rise in ionization in the layer will make MS ionization even stronger. Therefore during a sporadic-E or auroral opening, any further increase in ionization will at times cause the maximum usable frequency, duration, and intensity to go up by an astounding degree. One evening last summer shortly after the peak of the Perseids shower (Aug 10-14) a sporadic-E opening occurred bringing fair reception up to channel 6. Turning to channel seven I was amazed to see well over ten bursts per minute coming in over the local ninety miles. After about twenty minutes the condition passed, but two high band stations were logged in the meantime. Thus, be on your guard during E openings (or aurors), for the results may amaze you.

Perhaps you have heard of ionospheric scatter which is actually the ionosphere's ability to refract weak but even present signals. It is being thought more and more that underdense meteors by the billions are the cause for this.

During non-shower periods the best time to try for DX is just before sign-on, around 0600-0800. Many easily identified test patterns are on them. When those bursts start coming in on top of one another, flip that switch to the highest vacant channel you have. Taking photos of MS is quite an art as Ron Boyd, who is pretty fast on the shutter can tell you. Don't expect to just flip to channel thirteen and log a couple. It doesn't work that way. Set up a schedule to watch during the early morning if you can and follow that schedule each morning, all year long if you can. You need plenty of patience however. During the geocorinids shower I had to wait approximately twelve hours before I got a clean high band burst. There is a small clan of true dx men who are willing to go after this way of boosting their logs, but if you read Billy Grabes column you will see that there aren't many. It is possible to log ten or more stations per day on the average day with hard work and a couple clear low band channels around you.

Have you heard of DX'ers getting stations 2000 miles away and laughed them off as tall stories? There is an explanation for this. The farthest reception depends on the meteor ionization height and the wave angle. Once in a while a meteor

will ionize much higher than usual, causing greater ~~radio~~ reception distance. The way you can improve your distance is to raise the antenna height (cutting the wave angle). If you want to fill in the gap between tropics and sporadic-E, try lowering the antenna (cutting down the range)

Meteor Shower Table

Date of shower	Optimum paths & times	NW-SE	SW	SW-NE	Hourly Radio Rate	Velocity km/sec.
Jan 1-4*	0300-0800	0300-0800	0800-0900	0900-1400	45	39
Jan 17	0600-1100	0600-1100	1100-1300	1300-1800	—	—
Feb 5-10	1400-1730	1400-1730	0030-0530	2130-0100	—	—
Mar 10-12	2330-0030	0330-0530	0230-0330	0030-0230	—	—
Mar 20	2130-2300	2000-2130	—	0300-0430	—	—
Apr 19-23	0230	2330-0100	—	0700-0830	82	51
May 1-6	0830-1000	0830-1000	0630-0830	0900-0630	12	76
May 11-12	2130-2300	2000-2130	—	0300-0430	—	—
May 30	0300-0430	0130-0300	—	0800-0930	—	—
Jun 2-17	0100	2300-2400	2300-2400	2200	—	—
Jun 27-30	150001830	1830-2330	2330-0300	—	—	—
Jul 14	—	2100-2330	0130-	0330-0600	—	—
Jul 13-30	—	0100-0200	2300-0100	2200-2300	—	—
Jul 25-AUG 4	—	0130-0430	0830-1130	0830-1130	—	—
*Jul 26-31	—	0300-0500	0100-0300	0000-0100	22	50
*Aug 10-14	—	2480-0300	0300-0800	0800-1133	50	61
Aug 10-20	—	1700-1930	2130-	2330-0200	—	—
Aug 21-23	—	1500-1830	1830-2330	2330-0300	—	—
Aug 21-31	—	1300-1630	1630-2130	2130-0100	—	—
Sep 7-15	—	0030-0200	—	0700-0830	—	—
Sep 22	—	0030-0200	—	0700-0830	—	—
Oct 2	—	0900-1400	1400-1500	1500-2000	—	—
*Oct 9	—	1100-1600	1600-1700	1700-2200	20	5.6
Oct 12-23	2130-2330	0430-0600	0330-0430	0200-0330	30	68
*Oct 18-28	0000-0200	0130-0500	0030-0130	2300-0030	16	27
*Nov 1-7	2100-2300	—	—	—	60	72
*Nov 14-18	0300-1000	—	—	—	—	—
Nov 22-30	—	1600-2000	—	2300-0300	70	35
*Dec 10-14	0930-2130	2130-2300	—	0500-0630	—	—
Dec 22	—	1100-1230	0130-1530	0730-0900	13	38
*May 19221	—	1100-1230	0900-1100	—	—	—
*Jun 4-6	0800-1000	1300-1500	—	—	—	—
*Jun 8	0600-0800	—	—	—	60	70

\* Major shower

## INTERNATIONAL DX COLUMN

Bryan Rawlings VE2AME

First off this month I'll conclude the listing of Canadian stations began in the last column.

## BRITISH COLUMBIA

CJDC-TV	5	Dawson Creek	X .17/.08
CFCR-TV	4	Kamloops	.1/.05
CHBC-TV	2	Kelowna	3.7/1.65
CHBC-TV-3	8	Oliver-Osoyoos	.220/.110
CHBC-TV-1	13	Penticton	.3/.13
CBUT	2	Vancouver	89.4/47.6
CHBC-TV-2	7	Vernon	.31/.16
CHEK-TV	6	Victoria	100/50

Two forthcoming changes to be added to the list are the increase in power for CBMT ch. 6 Montreal, Que. They are going to 100 kw. video in the near future. Also CKTM-TV Three Rivers, Que. will go to 85 kw.

REPORTS: Frank Hill sends along the following IDX: June 17 - CKCW2, June 21 - CMQ on ch. 4, 5, & 6. The same stations were received July 12 with the addition of CHAB-TV ch. 2 Havana. On July 15, Frank noticed aurora at 4:30 p.m. on all low band channels. Thanks, Frank.

Despite the decline of the sunspot cycle interesting things continue to occur. The month of July produced several good openings on amateur frequencies in the vicinity of 28 mc.; this, apart from the usual E(short) skip. The Royal Astronomical Society of Canada reports heavy sunspot activity on the month of July. Those of you who have equipment for BBC and other low freq. TV reception might listen carefully this fall as estimates made last fall that 1959 would be the last year for transoceanic TV reception may yet be wrong.

One major meteor shower is scheduled for the month of August and it usually is a whopper. The perseids will last from Aug. 6 to 16 peaking on the 11th. This shower is usually quite productive so early-birds take note. Following is a table of other meteor showers to year end.

NAME	PEAK(EST)	DURATION( $\frac{1}{4}$ strength to $\frac{1}{4}$ strength)
Orionids	Oct. 20-0800	Plus and minus <del>XXXXX</del> 8 days
Taurids	Nov. 5 -0900	" " " <del>XX</del> 30 "
Leonids	Nov. 16-0700	" " " <del>X</del> 4 "
Geminids	Dec. 13-0200	" " " 6.0 "
Ursids	Dec. 22-0700	" " " 2.2 "

The duration figures mean that the shower will be at  $\frac{1}{4}$  strength the shown number of days before the date of peak shown and will also be at  $\frac{1}{4}$  peak strength the same shown number of days after the peak. The above material is made available to the society courtesy of the Montreal Center of the Royal Astronomical Society of Canada(VE2RAM).

This will complete this month's column. The good DX season will still be with us for a while so good DX'ing and 73.

Bryan Rawlings  
4376 Wilson Ave.  
Montreal 28, Quebec, Canada

Recently I received a card from Bedford Brown to the effect that my long time friend B.J. Bingham was among the ailing. It is my most sincere hope that you will be turning the knobs and feeling much better by the time you read this, B.J. The club needs members such as you! The same holds true for Walt Spaulding who recently had a bad accident. So the "old buckeye" wishes a speedy recovery for both of you!!

Since there apparantly aren't any articles from club members to swap this month, I shall list some radio and T.V. tubes which I have for sale at \$.50 each or three for \$1.25 postpaid. Since these are used tubes I shall have each tested before selling same.

6--6L6	1--6BQ6	4--24A	1--27	5--80
1--6U8A	1--UX245	1--6F7	1--84-6Z4	1--6SK7
1--6A7	1--38	2--12BA6	2--12BE6	1--6IK7A
1--6AQ5	1--50C5	1--12SQ7	1--6S4	1--35W4
2--6H6	1--5Z3	1--41	1--6A8	1--42
1--50L6	1--6F5	1--12SK7	1--6SQ7	2--6J6
2--6SN7GT				

#### TV FACTS AND FIGURES

700 people apply for auditions for TV at the BBC studios yearly. 60% are women.

The BBC TV receives 2,550 letters daily.

By May, 1959, 9,412,746 persons held licences to watch BBC TV. The cost per person was four pounds (about \$10 in U.S.) Before World War II, 20,000 people owned TV sets in Great Britain. No license was required then.

BBC TV studios are located at Lime Grove, Riverside, Alexandria Palace, St. Stephens House, London Airport, and at All Souls House.

The BBC has one theater located at Shepherds Bush Green seating 600 people.

Until next month,

73's

"The Old Buckeye"

## W E S T E R N - D X - C O L U M N

by Dee Johnson

146 Maddock Place

Longview, Wash.,

DATELINE..AUGUST 25, 1960

As I start to type up this month's column, many exciting things are about to happen here in your Editors area..and of course the coming Western Convention down in Ashland, Oregon. Yes, I am most excited, as a sort of dream is coming true for me....My husband and I have taped to our Pres. Art Collins many times..and feel that we truly know him. Art and us have often spoken of maybe some day getting to visit one another..but 2,500 miles is soooooooo far away. But surprise of all surprises...Art and his little grand-daughter are flying in to Portland, Oregon tomorrow night..and we will pick them up and bring them here. They will leave by bus Sat. night for the Western Convention..and be back here with us Monday morning..until they fly back to Buffalo on Wednesday morning. What a wonderful time I'm sure we all will have.

I noticed in last months bullitin that at the Eastern Convention, someone brought up the fact that spelling and grammar should be improved upon in the bullitin....Well...guess I had better resign from my job then..as I'm easily the worlds worst speller....

Bedford Brown wrote some sad news to us..that B.J. Bingham is ill in the hospital, with a mild stroke...I'm sure he has the prayers and good wishes of all his fellow club members. How about sending him off a card to help cheer him up.....

Thanks to BILL NIEMAN for the write-up in the Eastern Dx column he gave me for my XEWO-2 logging.

A Tape was received this past week from Dave Crockett, and it was most interesting ..thanks alot Dave.

### L O G G I N G S   R E P O R T E D

Gordon Simkin of Idaho, says that to correct one of my many mistakes..on May 31, MS was rec'd on each and every ch., 2-11 with 2 or more stations each. (sorry for the error). June 21, KPRC-2/KGBT-4/KPTC-4 new/KENS-5/WOTI-4/ June 23, KARK-4/June 27, KFEQ-2/June 29, aurora/ July 3, CFCJ-2 new/KMID-2/July 6, ms of KCMO-5/July 8, KVOO-2/KROD-4/WSM-4 new/KTVI-2/KNXT-2/July 10, ms of KDIX-2 new/ July 12, ms of WMT-2/July 13, CFCJ-2/July 14, DX no ID/July 15, aurora on ch. 2 & 3/ July 16, aurora with KTVB-7 IDed/July 19, KLRJ-2/July 20, KMID-2/WOAI-4 KEDY-4/KENS-5/...thanks Gordon.

Ed Hepp of Tucson, Arizona writes that I made a mistake on his log report too...Well; see I said that I guess someone else better take this over...Last month Ed rec'd a unid Mexican on Ch. 6...It was a channel 6 relay of XHTV-4..not XEW..in fact it had XHTV-6 TP on.. had a ch. 4 in the middle of the bullseye. (Sorry for the mistake) July 23, WWL-4/WBRZ-2/July 25, WBRZ-2/WBAP-5/KSYD-6/KFSA-5/ July 27, KOTI-2/KTVU-2/July 28, KFEQ-2/July 29, CBUT-2/ July 30, a REALLY BIG DAY....WLBT-3/WBRZ-2/KTBS-3/KARK-4/WMCT-5/KFSA-5/KOTV-6/KMOS-6/KCMO-5/KHAS-5/KTVI-2/KOOK-2/KUTV-2/KTLE-6 ( Ed says it was sure a thrill to receive the station where he had just worked..and hear a buddy of his give the id) KFBB-5/KREM-2/KID-3/WDAY-6/KLEW-3/..19 in all on that day. Aug. 1, WLBT-3/WEAR-3/WDSU-6/WKRG-5/KALB-5/KBRZ-2/WESH-2/KPRC-2/KTWO-2/KOTA-3/KDIX-2/Aug. 2, WLBT-3/WBRZ-2/KALB-5/KCEN-6/ ..con't on next page.....

WESTERN DX COLUMN  
C O N T I

ED HEPP: Aug. 4, WBRZ-2/KPRC-2/Aug. 5, KTVU-2/Aug. 8, KNOP-2/WBRZ-2/WMT-2/KOOK-2/Aug. 13, KBOI-2/XEWO-2/and unid ch.6 from south with SQ TP /Aug. 18, KTVI-2/KFEQ-2/Aug. 20, KREM-2/CBUT-2/ Aug. 22, XEW-2. Ed writes that he sure would like to attend the Western Convention, and get to meet Art...but it doesn't look like he will be able to. Hope I get that tape before too long...

Rau'l Medina from Managua, Nicaragua writes to me for the first time in many months...and it is such a pleasure to hear from him again. He notes that now his antenna is about 60 feet above ground level..and yet his reception has not improved..and thinks that the long wire has hindered..rather than helped his dx. No, this I doubt, Rau'l..Dx is extremely poor this year...poorer than at almost any other time.. A antenna at 60 feet should be good...if ..there is any dx...so do not give up..next year couldn't be any worse..could it////????Thanks for the letter..and I shall try and answer you soon.

Jim Pirch of Richmond, Missouri logged 11 new stations this time, to make his total 122. Trops: July 28, KATV-7 new/KTVE-10 new/KARK-4/KTHV-11/KCKT-2/KAKE-10/July 29, WFAA-8/ 525 miles new/KTEN-10 new/KTVH-12/KFJZ-11 550 miles new/KXLL-12 new/Aug. 3, WCIA-3/Aug. 5, KFVS-12/WPSD-6/Aug. 15, WISN-12 new/ by Es...Aug. 2, WTAE-4 new/KDKA-2 new/WJAC-6/new/WEDU-3/ Aug. 3, WBTW-3/Aug. 4, KUTV-2/ Aug. 7, WOAI-4 new/KPRC-2.

Dennis Smith writes that he is getting anxious to attend the Western Convention..is picking up David Crockett and they are driving up together. I know you will enjoy it Dennis. July 23, CHCT-2/KV00-2/ July 25, KFDX-3/July 27, KROD-4/Aug. 20, KREM-2. and others..but no IDs.

Charles Wood, the Western Convention Host in Ashland, Oregon sends in his log...June 27, unid ch.4, Canadian ch.2, KUTV-2/June 28, KARD-3/ unid ch.2,3,4,5,6. June 30, KTVK-3/KNXT-2/KRCA-4/KVOA-4/XETV-6/July 8, KTVK-3/July 9, unid ch. 2,3,4. July 11, trops KIEM/KVIQ/KCRA-3/KVIP-7/ July 12, skip from KOA-4/KTVR-2/KTVK-3/July 14, CHCA new/CKBI-5 new/ CHCT-2/CHAB/CKOS-3/CERN-3/ July 23, from Mt. Ashland, KOTI-2/KTVU-2/ KIEM/KCRA/KRON/KPIC/KBES/KPIX/KVIQ/KOIN/KGO/KVIP/KGW/KXTV/KTNT/KPTV/ KHSL/KOVR/KVAL/ all by trops. except KOTI/KPIC/KBES/KVIP/KHSL/KVAL which are daily locals. also skip was logged from CKCK-2/CERN-3/CHAB and unid ch. 5 and 6 which came in through the local ch. 5./ July 24, nothing new except KSBW-8 and trops from KGW-8/KHSL/KOIN-6/ and KIRO-7 and tent, CBUT-2/ Good loggings up there on that Mt. Charles..

Morris Foote planed on being at the convention..hope he made it. his log report was as follows: June 18, KDLO-3/June 20, KCKT-2/21st, WKY-4/KARK-4/LCKT-2/WMT-2/June 28, WKY-4/ June 28, WKY-4/KARK-4/KARD-3/ June 29, aurora with weak signals on ch. 5 and 6. June 30 KROD-4/July KTW0-2/new/July 3, KCMO-5/July 8, KRLD-4/KCMO-5/July 9, KTW0-2/ July 12 many unid on low band chs..WOC-6/KCMO-5/KTIV4/July 14, KFEQ-2/July 15, KROD-4/July 20, WPAB-5/KCEN-5/July 21, KEDY-4/ Canadian ch.3/July 25, KGNC-4/KNXT-2/July 28, WKY-4/KCMC-6/KOCO-5/WKY-4/KCMO-5/WDAF-4/WOW-6/ KMTV-3/KTIV-4/KPLO-6/KDLO-3/WCCO-4/KSP-5/July 30, KROD-4/KARK-4/KRLD-4/ KENS-5/KV00-2/..sure hope that you made the convention and got to meet Art.

Your editor here had a most exciting time on July 30, when I rec'd XEWO-2. If you can..picture this scene...KNXT-2 from Los Angeles had  
Con't

W E S T E R N D X    c o n ' t

been in for over 3 hours ..and I was paying very little, if any, attention to the skip. All of a sudden, some spanish made me look at the t.v. set...the spanish got stronger..I went to turn the tape recorder on...and no tape in it...so I had to real quick like thread it. Then I ran and got my table which I sit my camera on..and found there was no film in the camera. Well....I got the film out of the drawer and into the camera..but how I don't know. I ran into the front room and sat the camera on the table..and at the very instant..at 5:05pm they had station break...why 5 minutes late I don't know..unless they knew I wasn't ready for it at 5 o'clock..hi hi..anyway, I got 4 good pictures, and about 10 minutes of tape..so I'm real happy. The rest of My log reads: July 30, KTVK-3/KNXT-2/ unid on ch. 3,4, and 2. Aug. 1, KVOO-2/ unid on ch. 2 and 3 and 4. Aug. 5, KOOK-2/KCKT-2/KNOP-2/KNXT-2/Aug. 13 KTVR-2/ and unid on ch. 2,3,4. Aug. 14, KARD-3/KOA-4/KCSJ-5/KCPX-4/KSL-5/KUTV-2/ and a live program from a church in Abilene , Texas..on ch. 2. ???/ Aug. 20, KTVK-3/KVOA-4/KLRJ-2/KNXT-2/XEM-3/..and that is it.

Well, no more log reports from this way..so shall close for now. Best of luck to all..maybe our skip will come along in the winter..it sure didn't come this way this summer.

73's..

Dee

2505 RR Rio Grande  
General Delivery  
Austin, Texas

The Co-Channel Interference  
Column  
by  
Bedford P. Brown, Jr.

2505 RR Rio Grande  
General Delivery  
Austin, Texas

\* \* \* Please note change in address for the October column. \* \* \* \* \*

I am pleased to report that B. J. Bingham is back home at 430 South Adam Street, Festus, Missouri, recuperating from a sudden attack that sent him to Barnes Hospital for a week and a half. B. J.'s recovery has been so spectacular that doctors are inclined to believe that his circulatory disruption was not caused by an actual stroke. Thanks to all who had time to send cards and letters.

\* \* \* \* \*

### DELINQUENT

### D TV S

### STATIONS

Does anyone have the name of a recent verbe-signer for the following?  
Wpbn-tv 7 Kalb-tv 5 Wave-tv 3 Wlbt-3 or Krod-tv 4 ??????????

If you do, please drop a card to Gary Olson, 35 Lake View Lane,  
Barrington, Illinois

\* \* \* \* \*

### Unidentified Programs (All time is Eastern Standard Time.)

Walter Spauling, Route 3, Box 168, Cardington, Ohio

Apr. 3 11:00am ch. 4 Indian head test pattern from the northeast

Frank Wheeler, Box 176, R.D. 5, Erie, Pennsylvania

Aug. 3 5:58pm ch. 2 showed picture of shed with man in front of it; the words WOOD on the first line and SHED on the 2nd line. Prog. evidently WOOD SHED.

Aug. 3 6:05pm ch. 2 same as above northwest or west

AAug. 3 6:07pm ch. 2 possibly same station as above, BUD AND HIS BUDDIES. Showed Bud leafing through a book. northwest or west

Edward Rugel, 304 North Park Boulevard, Independence, Kansas

Jul. 12 7:48pm ch. 5 Convention coverage. Showed slide with woman holding umbrella near DETOUR sign with picture trouble on cable below with 1st letter of each word being circled.

Jul. 12 7:56pm ch. 2 Man writing on a board on the wall. It must have been a program about languages.

XXIAug. 2 1:46am ch. 2 Wedge-type test pattern from NE like WKY-4 KARK-4 etc.

Aug. 4 5:02pm ch. 2 Friendly ghost program.

Aug. 4 5:15pm ch. 2 American Bandstand. 5:30pm ad for hair oil (did not get name of oil). Had slide for American Bandstand with ABC emblem on air for about 90-120 seconds. (What about KUTV or WGR?????)

Aug. 5 9:47am ch. 6 Bullseye type test pattern with call letters in center of inner circle.

Gary Olson, 35 Lake View Lane, Barrington, Illinois

May 14 ch. 4 FURY 1 hour late from the southwest via E-skip

May 15 ch. 2 12:15pm church chorus-southwest via E-skip

May 15 ch. 4 12:30pm NAB code sign southwest via E-skip

May 15 ch. 2 12:35pm Color bars (television seen in lower right corner of pattern from the west via E-skip)

May 16 ch. 5 7:30pm NBC News Special from the southwest via E-skip

May 16 ch. 2 7:50pm Cartoons from the southwest via E-skip

May 17 ch. 4 10:00pm northw est via E-skip carrying same programs as KOOK (Relay?)??

May 17 ch. 3 CBS special on Japan 10:35pm. 11:00pm gave ID as Skyline 3 with picture of mountains, followed by an add for Besters and then "Texas" presented by Allstate.

May 19 ch. 7 tropes-ABC sign off on 7 followed by National Anthem at 12:56am

June 27 ch. 3 tropes-west-We invite you to see the best in TV sign off and Lord's

prayer 12:03am. The rest of Gary's unids will be found on page two

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PLEASE NOTE ADDRESS CHANGE FOR OCTOBER COLUMN

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CONTINUING WITH UNIDENTIFIED PROGRAMS (ALL TIME IS EASTERN STANDARD TIME.)

Gary Olson, 35 Lake View Lane, Barrington, Illinois

July 25 ch.3 via E-skip for the northeast-Dog Show in French at 5:20pm ended and add for CONCOCK'S QUESTIONNAIRE received.

Aug 1 ch.3 tropes from the southwest 12:25pm western movie with lots of shooting

Aug 1 ch.3 tropes from the west 1:23pm Western singers singing something like Praise the Lord.

Aug 1 ch.3 tropes sign saying "Reject Pay TV at 1:30pm.

Aug 1 ch.10 tropes CBS Rescue 8 at 8:30pm, mentioned addresses in Missouri

Aug 2 ch.3 tropes from the west NBC station 12:30pm add for Lever Bros. Swan

Aug 2 ch.3 via E-skip from the southwest "Be with us every weekday at 6:08 for the TX weather. 6:15pm KBTX?

Aug. 2 ch.3 6:15pm E-skip southwest add for Arkansas Louisiana Oils (probably gas..BB)

Aug. 2 ch.4 E-skip southwest CBS Douglas Edwards and the News, add for Tide, ID, "Stay tuned for Shotgun Slade." KPA0????

Aug. 2 ch.2 E-skip southwest Sugarfoot 7:30pm

Aug. 2 ch.3 E-skip southwest Sugarfoot 7:30pm

Aug. 7 ch.2 E-skip southwest church service, man in black leading 12:30 to 1:00pm

Aug. 7 ch.3 E-skip southwest US plane flying 12:30-1:00pm

Aug. 7 ch.3 E-skip southwest church singing 12:30-1:00pm

Aug. 7 ch.3 E-skip southwest CBS promotion for Alfred Hitchcock 1:15pm

Aug.12 ch.4 ms-skip 6:27am wedge test pattern to south.

Aug.13 ch.4 ms-skip 6:21am test pattern with music "On the Street Where You Live".

Aug.16 ch.3 tropes north 12:38am picture of the Queen after sign off--music was not our National Anthem. Indian head test pattern immediately after.

Aug.18 ch.11 tropes appeared to be a wedge tp with tone under ~~WTOL~~ WTOL TV to the east at 12:38am.

Thanks to all for sending so many excellent reports this time. All reports are always appreciated. For the benefit of new members, the object of reporting unidentified programs is to discover the identity of a mystery station which you receive with no identification. I request each and every member to check the list of unidentified programs every month. If you think that you can possibly identify the origination point of one of the unidentified telecasts, you are requested to drop a card or letter to the dxer who reported it. This is a good place to quote the words of an old member and former editor of this column, Jim Rogers. REMEMBER AS YOU CHECK THESE REPORTS THAT YOUR LOCAL MAY BE SOMEONE ELSE'S RECORD.

For once this column is going to Buffalo on time, so if your report is omitted, it will be in the October bulletin for sure. I shall be on a vacation to New York City, New England, and the East Coast area for two weeks, so please hold correspondence and reports until September 15th if at all possible. Thanks. Any late reports that arrive before I leave for New York will be added to this page. Thanks again to all for the swell reports for this month. I also want to wish Walter Spaulding and B.J. Bingham continued speedy recoveries, and I also hope the Western Convention was a great success. Best dx to all and 73's until October, Bedford Brown, Jr.